

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1-49. (canceled)

50. (currently amended) A method of delivering one or more than one substance ~~to an organism, to a specific tissue, to specific cells, or to an environmental medium,~~ comprising:

a) providing vault-like particles comprising ~~the one or more than one substance a~~ polypeptide, the polypeptide being linked to MVP, VPARP, a portion of VPARP, or a modified MVP, VPARP, or portion of VPARP; and

b) administering the vault-like particles ~~comprising,~~ wherein the substance or more than one substance ~~to the organism, tissue, cells or environmental medium comprises the polypeptide, an agent that binds preferentially to the polypeptide, or a combination thereof.~~

51-53. (canceled)

54. (original) The method of claim 50, where the one or more than one substance is selected from the group consisting of an enzyme, a pharmaceutical agent, a plasmid, a polynucleotide, a polypeptide, a sensor and a combination of the preceding.

55. (original) The method of claim 50, where the one or more than one substance is adenosine deaminase.

56-59. (canceled)

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60. (currently amended) The method of claim ~~50~~ ~~56~~, where the substance or more than one substance is a sensor ~~is~~-selected from the group consisting of a chemical sensor, a fluorescent sensor, an ionic sensor, a microorganism sensor, an optical sensor, and a pH sensor.

61-66. (canceled)